

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2005/050098

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B01D 39/08, D03D 15/04, D03D 15/08, D03D 3/08  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B01D, D03D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Week 199645 Derwent Publications Ltd., London, GB; Class F03, AN 1996-451268 & JP 8226044 A (FUJII H ET AL), 03 September 1996 (1996-09-03) abstract	1-10
A	DATABASE WPI Week 199645 Derwent Publications Ltd., London, GB; Class F03, AN 1996-451269 & JP 8226045 A (FUJII H ET AL), 03 September 1996 (1996-09-03) abstract	1-10

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

4 August 2005

Date of mailing of the international search report

09-08-2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03051487 A1 (GL & V SWEDEN AB), 26 June 2003 (26.06.2003), page 1 - page 4, figure 5, abstract	11-14
A	--	1,6
A	US 3369668 A (E.A. GLOS II), 20 February 1968 (20.02.1968), column 1, line 43 - line 46; column 3, line 59 - column 4, line 3, figures 6-9	1,6,11-14
A	GB 851192 A (UNITED STATES RUBBER COMPANY), 12 October 1960 (12.10.1960), figure 2, claim 1	
A	WO 2004099478 A1 (LUDVIG SVENSSON B.V.), 18 November 2004 (18.11.2004)	5,10
A	DATABASE WPI Week 200237 Derwent Publications Ltd., London, GB; Class F03, AN 2002-334250 &JP 2002038354 A (NAIGAI KK), 06 February 2002 (2002-02-06) abstract	4,9
A	US 6418974 B1 (K.N. KING), 16 July 2002 (16.07.2002), figures 1,2, abstract, paragraph (0003), (0047)	1,4,6,8
A	US 5814218 A (W.S. CAGLE), 29 Sept 1998 (29.09.1998), figure 6, claim 9, abstract	1,6

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>DATABASE WPI Week 199825 Derwent Publications Ltd., London, GB; Class A23, AN 1998-280677 &amp; JP 10096138 A (TOYODO KK), 14 April 1998 (1998-04-14) abstract</p> <p>--</p>	2,4,8,9
A	<p>DATABASE WPI Week 200433 Derwent Publications Ltd., London, GB; Class F03, AN 2004-350567 &amp; JP 2004052188 A (NIPPON FILCON KK), 19 February 2004 (2004-02-19) abstract</p> <p>--</p>	1,6
A	<p>DATABASE WPI Week 199103 Derwent Publications Ltd., London, GB; &amp; JP2258249 A (FREUDENBERG FA CARL), 19 October 1990 (1990-10-19) abstract</p> <p>-- -----</p>	1,2,4,6,8,9

## INTERNATIONAL SEARCH REPORT

Information on patent family members

08/07/2005

International application No.

PCT/FI 2005/050098

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				SE	520738	C	19/08/2003
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				US	20050082217	A	21/04/2005

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WO	2004099478	A1	18/11/2004	BE	1015508	A	03/05/2005
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US	5814218	A	29/09/1998	NONE
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